

ABSTRACT OF SANITARY REPORTS.

VOL. VII.

WASHINGTON, D. C., MARCH 4, 1892.

No. 10.

[Published at the Marine-Hospital Bureau in accordance with act of Congress of April 29, 1878.]

UNITED STATES.

SPECIAL REPORTS.

Typhus fever in Pennsylvania.—Dr. Benjamin Lee, secretary State board of health, Pennsylvania, reports, under date February 25, two cases of typhus fever in Philadelphia, residents of that city, and one case at Pittsburg, an immigrant from the steamship *Massilia* (the latter case reported in ABSTRACT OF SANITARY REPORTS, February 26). All cases isolated in hospital and all immigrants from the steamship *Massilia* in Pennsylvania under observation.

San Francisco Quarantine Station, Angel Island, Cal.—Passed Assistant Surgeon W. P. McIntosh reports, under date of March 1, that all the Chinese detained in quarantine from the steamer *Rio de Janeiro* will be discharged on the above date except 13, who had varioloid, and they will be detained a day or two longer.

Inspection of immigrants at El Paso, Tex.—The following report has been received from Dr. E. Alexander, sanitary inspector, M.-H. S.:

OFFICE OF THE SANITARY INSPECTOR, M.-H. S.,
El Paso, Tex., February 20, 1892.

SIR: I have the honor to report that during this month a party numbering some 45 so-called Gypsies arrived at Paso del Norte from the interior of Mexico.

Most of them were ragged, dirty, and unkempt, some of them of poor physique, and apparently destitute. They had been for years in the South American countries, and for the past three years in Mexico. They spoke French, Italian, German, or Spanish to any one who addressed them in either language, but amongst themselves they spoke a language that no one else knew. Fifteen of the party were under six years of age, and eight from eight to fifteen years.

The masculine members of the party were so-called tinkers or menders of metal wares.

They decided to go somewhere into the United States, but the immigrant inspector stationed at El Paso, Tex., judging from their destitute and dirty appearance, refused them admittance.

They appealed to the collector of customs, who decided that according to the law only idiots, insane persons, paupers, or persons likely

to become a public charge, persons suffering from a loathsome or contagious disease, could be prevented to come to the country.

The collector of customs requested me to examine the party in question, and I found them to be healthy, free from any loathsome or contagious disease.

They proved to the collector to possess amongst themselves several thousand dollars in German, Spanish, French, Italian, and Mexican gold coins.

These people having been, according to their own statement, spending some three years in Vera Cruz and different other localities in Mexico, places that are most of the year infected with yellow fever, smallpox, and other loathsome and contagious diseases, I believed that they would carry with them in their tents and clothing the seeds of disease. I have consequently caused, prior to their entrance into our country, the disinfection, with sulphurous fumigation, of their old ripped-open mattresses and apparel for twenty-four hours in a closed room.

Seven of the party presented no evidence of vaccination, and were vaccinated.

In this connection I will be allowed to remark, in parenthesis, that as smallpox exists almost throughout the year in different parts of Mexico, and as many emigrants from that country come into the United States, themselves and their children showing no evidence of vaccination, and as some parents absolutely refuse to have their children vaccinated before entering into the United States from Mexico, that the Supervising Surgeon-General of the United States Marine-Hospital Service urge the importance of this matter before the American legislature. Most of the Mexican immigrants into the United States carry nothing but old clothing and their bedding.

I am positive that the lower classes of Mexicans never think of such a precaution as to burn clothing or bedding after having been infected with loathsome and contagious diseases, and consequently endanger other communities with whom they come in contact.

To prevent this, I would respectfully request to be allowed to hire quarters in the neighborhood of the Atchison, Topeka and Santa Fé station, to enable me to rigidly fumigate all old clothing, bedding, etc., which Mexican immigrants of the lower class bring with them into the United States.

To the SUPERVISING SURGEON-GENERAL.

Reports of States, and yearly and monthly reports of cities.

COLORADO—*Denver*.—Month of December, 1891. Population, 106,713. Total deaths, 158, including phthisis pulmonalis, 25; enteric fever, 7; scarlet fever, 2; and diphtheria, 3.

Month of January, 1892. Total deaths, 145, including phthisis pulmonalis, 40; enteric fever, 2; scarlet fever, 5; and diphtheria, 9.

MARYLAND—*Baltimore*.—Month of January, 1892. Population, 434,439. Total deaths, 1,024, including phthisis pulmonalis, 114; influenza, 117; enteric fever, 13; scarlet fever, 50; diphtheria, 63; measles, 6; croup, 6; and whooping cough, 4.

MICHIGAN.—Week ended February 20, 1892. Reports to the State board of health, Lansing, from 62 observers, indicate that cerebro-

Table of temperature and rainfall, week ended February 26, 1892.

[Received from Department of Agriculture, Weather Bureau.]

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	Excess.	Deficiency.
New England States:						
Eastport, Me.....	24	78		1.05		1.02
Portland, Me.....	25	65		.91		.86
Boston, Mass.....	30	43		.91		.83
Block Island, R. I.....	32	31		1.18		1.08
Middle Atlantic States:						
Albany, N. Y.....	28	59		.64	.18	
New York, N. Y.....	33	35		.98		
Philadelphia, Pa.....	36	21		.79		.08
Atlantic City, N. J.....	35	29		.84		.28
Baltimore, Md.....	34	23		.91		.11
Washington, D. C.....	37	26		.84		.37
Lynchburg, Va.....	42	23		.84		.21
Norfolk, Va.....	45		16	.93	2.38	.77
South Atlantic States:						
Charlotte, N. C.....	47	25		1.05	.39	
Wilmington, N. C.....	52		27	.84	.72	
Charleston, S. C.....	55		3	.84		
Augusta, Ga.....	53	11		.95		.38
Savannah, Ga.....	57	3		.77		.23
Jacksonville, Fla.....	61		15	.77		.70
Key West, Fla.....	72		16	.39	1.28	.75
Gulf States:						
Atlanta, Ga.....	49	32		1.27	.01	
Pensacola, Fla.....	58	16		1.03		.54
Mobile, Ala.....	57	13		1.21	.47	
Montgomery, Ala.....	55	18		1.36		.66
Vicksburg, Miss.....	55	21		1.21	.71	
New Orleans, La.....	60	11		1.08		1.04
Shreveport, La.....	54	24		1.14		.08
Fort Smith, Ark.....	46	34		.85		.85
Little Rock, Ark.....	48	38		1.49		.88
Palestine, Tex.....	55	17		.94		.53
Galveston, Tex.....	59	14		.70	.45	
San Antonio, Tex.†.....	58			.54		
Corpus Christi, Tex.....	60	17		.51	.32	
Brownsville, Tex.†.....	65			.48		
Ohio Valley and Tennessee:						
Memphis, Tenn.....	48	45		1.33		1.06
Nashville, Tenn.....	45	39		1.24		1.21
Chattanooga, Tenn.....	48	43		1.36		.76
Knoxville, Tenn.....	45	43		1.31		1.22
Louisville, Ky.....	41	50		1.12		1.12
Indianapolis, Ind.....	34	57		.87		.83
Cincinnati, Ohio.....	38	40		.94		.49
Columbus, Ohio.....	34	61		.90		.86
Pittsburg, Pa.....	35	70		.63		.22
Lake Region:						
Oswego, N. Y.....	25	55		.63		.51
Rochester, N. Y.....	26	74		.63		.43
Buffalo, N. Y.....	25	81		.63		.53
Erie, Pa.....	29	45		.84		.68
Cleveland, Ohio.....	29	56		.70		.36
Sandusky, Ohio.....	30	34		.76		.40
Toledo, Ohio.....	30	46		.49		.14
Detroit, Mich.....	29	46		.56		.30
Port Huron, Mich.....	24	68		.63		.48
Alpena, Mich.....	19	76		.56		.52
Marquette, Mich.....	17	87		.40		.36
Grand Haven, Mich.....	26	62		.56		.23
Milwaukee, Wis.....	24	78		.49	.29	
Chicago, Ill.....	28	45		.56		.25
Duluth, Minn.....	16	81		.28	.08	
Upper Mississippi Valley:						
St. Paul, Minn.....	19	88		.25	.00	.00
La Crosse, Wis.†.....	22			.28		
Dubuque, Iowa.....	25	78		.42		.06
Davenport, Iowa.....	27	70		.43		.04
Des Moines, Iowa.....	26	66		.34		.22
Keokuk, Iowa.....	31	50		.49		.18
Springfield, Ill.....	33	43		.91		.57
Chgo, Ill.....	42	36		1.05	.19	
St. Louis, Mo.....	37	41		.75		.39

*The figures in these columns represent the accumulated excess or deficiency for the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.

Table of temperature and rainfall, week ended February 26, 1892—Continued.

Locality.	Temperature in degrees Fahrenheit.			Rainfall in inches and hundredths.		
	Normal.	*Excess.	*Deficiency.	Normal.	*Excess.	Deficiency.
Missouri Valley:						
Springfield, Mo.....	39	48	.....	.84	.....	.37
Kansas City, Mo.....	35	48	.....	.42	.76	.....
Concordia, Kans.....	32	68	.....	.20	.....	.14
Omaha, Nebr.....	28	77	.....	.21	.....	.19
Valentine, Nebr.....	26	90	.....	.14	.00	.00
Huron, S. Dak.....	17	114	.....	.14	.....	.14
Pierre, S. Dak.....	19	105	.....	.07	.....	.07
Extreme Northwest:						
Moorhead, Minn.....	7	137	.....	.21	.....	.12
Bismarck, N. Dak. †.....	13	.....	.....	.21	.....	.....
Buford, Fort, N. Dak.....	13	81	.....	.11	.....	.11
Rocky Mountain Slope:						
Assiniboine, Fort, Mont.....	19	81	.....	.14	.....	.04
Helena, Mont.....	26	87	.....	.14	.....	.12
Salt Lake City, Utah.....	36	29	.....	.35	.....	.11
Cheyenne, Wyo.....	29	54	.....	.07	.09	.....
North Platte, Nebr.....	29	35	.....	.12	.....	.10
Denver, Colo.....	35	15	.....	.14	.....	.08
Montrose, Colo.....	34	22	.....	.13	.14	.....
Pueblo, Colo.....	36	19	.....	.15	.....	.15
Dodge City, Kans.....	35	13	.....	.14	.....	.10
Abilene, Tex.....	50	.....	10	.28	.....	.16
Santa Fe, N. Mex.....	35	28	.....	.14	.....	.07
Pacific Coast:						
Olympia, Wash.....	41	25	.....	1.75	.....	1.35
Portland, Oreg. †.....	43	31	.....	1.66	.....	1.06
Roseburg, Oreg.....	45	30	.....	1.07	.....	.41
Red Bluff, Cal. †.....	51	.....	.....	.80	.....	.....
Sacramento, Cal. †.....	52	.....	.....	.70	.....	.....
San Francisco, Cal.....	53	19	.....	.87	.....	.79
Los Angeles, Cal.....	56	3	.....	.82	.....	.79
San Diego, Cal. †.....	56	.....	.....	.55	.....	.....
Yuma, Ariz. †.....	61	.....	.....	.07	.....	.....

*The figures in these columns represent the accumulated excess or deficiency of the week. To obtain the average daily departure these should be divided by seven.

† Reports missing.

FOREIGN.

(Reports received through the Department of State and other channels.)

AUSTRALIA—*Brisbane*.—Month of October, 1891. Total deaths, 67, including 1 from influenza and 7 from phthisis pulmonalis.

Melbourne and suburbs.—Month of October, 1891. Population, 490,902. Total deaths, 1,510, including phthisis pulmonalis, 79; influenza, 234; diphtheria, 7; and whooping cough, 8.

BRAZIL—*Rio de Janeiro*—*Yell w fever*.—The United States consul-general reports yellow fever rapidly increasing, there being 63 deaths therefrom during the week ended January 16, 1892.

SANTOS—*Yellow fever*.—The United States consul reports 82 deaths from yellow fever in hospital during the week ended January 2, 1892. Number of deaths in the city not reported.

CHINA—*Hongkong*.—Month of December, 1892. Total deaths, 417, including enteric fever 1 and measles 1.

COSTA RICA—*Punta Arenas*—*Yellow fever*.—Under date of February 1, 1892, the United States consul at San José reports as follows:

I have the honor to confirm my cablegram of the 25th ultimo as follows: Yellow fever in Punta Arenas.

I send by this mail the sanitary reports for the last several weeks. These show but one case of yellow fever. However, it is certain that a number of persons from various parts of the republic have died recently of yellow fever contracted in Punta Arenas.

CUBA—*Havana*.—The following report has been received from the United States sanitary inspector, dated February 20, 1892:

There were 120 deaths in this city during the week ended February 18, 1892. Two of those deaths were caused by yellow fever, 2 by enteric fever, 1 by so-called pernicious fever, 1 by paludal fever, 1 by diphtheria, 1 by glanders, and 1 by the grippé.

GREAT BRITAIN—*England and Wales*.—The deaths registered in 28 great towns of England and Wales during the week ended February 13 corresponded to an annual rate of 23.1 a thousand of the aggregate population, which is estimated at 10,185,736. The lowest rate was recorded in Birkenhead, viz, 17.0, and the highest in Nottingham, viz, 32.0 a thousand.

London.—Two thousand and ten deaths were registered during the week, including measles, 29; scarlet fever, 14; diphtheria, 18; whooping cough, 104; enteric fever, 3; and diarrhoea and dysentery, 14. The deaths from all causes corresponded to an annual rate of 17.9 a thousand. Diseases of the respiratory organs caused 560 deaths. In greater London 2,554 deaths were registered, corresponding to an annual rate of 23.2 a thousand of the population. In the "outer ring"

the deaths included scarlet fever, 4; diphtheria, 5; measles, 7; and whooping cough, 26.

Newcastle-upon-Tyne.—Two weeks ended February 6, 1892. Population, 187,500. Total deaths, 158, including diphtheria 2.

Sunderland.—Two weeks ended February 6, 1892. Population, 131,302. Total deaths, 100, including enteric fever 1 and scarlet fever 2.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 13, in the 16 principal town districts of Ireland, was 23.1 a thousand of the population. The lowest rate was recorded in Drogheda, viz, 0.0, and the highest in Waterford, viz, 45.0 a thousand. In Dublin and suburbs 213 deaths were registered, including enteric fever, 1; influenza, 12; measles, 1; and whooping cough, 3.

Scotland.—The deaths registered in 8 principal towns during the week ended February 13 corresponded to an annual rate of 20.8 a thousand of the population, which is estimated at 1,338,314. The lowest mortality was recorded in Edinburgh, viz, 15.1, and the highest in Perth, viz, 30.9 a thousand. The aggregate number of deaths registered from all causes was 578, including measles, 6; scarlet fever, 4; diphtheria, 1; whooping cough, 22; fever, 3; and diarrhœa, 10.

JAMAICA—Yellow fever.—Under date of February 6, 1892, the United States consul at Kingston forwards the following letter from the colonial secretary:

COLONIAL SECRETARY'S OFFICE,
Jamaica, February 5, 1892.

SIR: I have the honor to acknowledge receipt of your letter, No. 774, dated the 4th instant, and to inform you, in reply, that there are a few artillery soldiers at the camp of isolation at Papine, and that a sergeant's wife died of yellow fever there some days ago. I would add that the camp is completely isolated, and that there is no sickness there at present.

I have the honor to be, sir, your obedient servant,

NEALE PORTER,
Colonial Secretary.

JAPAN—Kanagawa—Smallpox.—The United States consul-general, under dates January 23 and 30, reports 214 cases of smallpox and 76 deaths therefrom during the two weeks ended January 30, 1892.

SPAIN—Denia.—Month of January, 1892. Population, 10,706. Total deaths, 32. No deaths from contagious disease.

SWITZERLAND—Lucerne.—Month of January, 1892. Population, 20,301. Total deaths, 26. No deaths from contagious disease.

TURKEY IN ASIA—Syria—Cholera.—Under date of January 27, 1892, the United States consul reports 7 new cases of cholera and 8 deaths therefrom during the week ended on that date.

MORTALITY TABLE, FOREIGN CITIES.

Cities.	Week ended.	Estimated population.	Total deaths from all causes.	Deaths from—								
				Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.
Hamburg.....	Jan. 30....	570,534	304					5	7	2		
Warsaw.....	Jan. 30....	465,272	296			6		2	2	17		
Rio de Janeiro.....	Jan. 16....	450,000	407	63	7	12	11					
Lyons.....	Feb. 6....	430,000	271						1	11		
Cairo.....	Jan. 21....	374,338	447				7					9
Munich.....	Jan. 30....	366,000	221				1	1		8		
Copenhagen.....	Feb. 6....	326,000	131					1		6		
Odessa.....	Feb. 13....	295,000	143		1					2		
Cologne.....	Feb. 13....	290,968	151							5		9
Dresden.....	Jan. 30....	279,024	140						1	10		
Barcelona.....	Feb. 5....	272,000	308			4		10		5		
Palermo.....	Feb. 6....	250,000	155					3				
Antwerp.....	Feb. 6....	241,263	108					2				
Alexandria.....	Jan. 21....	231,396	170							2		1
Bristol.....	Feb. 13....	223,592	84						2	1		
Rotterdam.....	Feb. 13....	216,678	122									
Hanover.....	Feb. 6....	185,200	63					1		6		
Prague.....	Feb. 6....	182,887	147				1	1		2		
Frankfort-on-the-Main.....	Feb. 6....	180,000	67						2	5		
Trieste.....	Feb. 6....	188,054	143					1	1	1		
Christiania.....	Feb. 6....	151,130	99									
Ghent.....	Jan. 30....	150,208	130		2		1				1	
Ghent.....	Feb. 6....	150,208	75									1
Nuremberg.....	Jan. 30....	149,507	66					2		1		
Stuttgart.....	Feb. 13....	139,639	47							3		
Hioo.....	Jan. 16....	136,012	38									
Hioo.....	Jan. 23....	136,012	57							1		
Kanagawa.....	Jan. 23....	135,000				38						
Kanagawa.....	Jan. 30....	135,000				38						
Funchal.....	Feb. 6....	133,250	22									
Bremen.....	Feb. 6....	125,000	48							1		
Stettin.....	Feb. 6....	116,500	55					3		1		
Catania.....	Feb. 7....	111,000	63					1	2	1		
Crefeld.....	Feb. 13....	108,000	69							1		
Aix-la-Chapelle.....	Feb. 7....	106,262	45									
Gothenburg.....	Feb. 6....	105,800	60									
Leghorn.....	Feb. 7....	103,395	45									
Zurich.....	Feb. 6....	91,223	68					1				
Mannheim.....	Feb. 6....	80,000	28					2		19	35	6
Mayence.....	Jan. 23....	72,281	31							3		
Mayence.....	Jan. 30....	72,281	38							2		
Mayence.....	Feb. 6....	72,281	36							4		
Trapani.....	Feb. 6....	43,095	17									
Marsala.....	Feb. 6....	40,131	19									
Curacao.....	Feb. 13....	26,245	6									
Schiedam.....	Feb. 13....	25,437	12									
Cartagena.....	Jan. 31....	28,000	6									
Cartagena.....	Feb. 7....	25,000	9									
Girgenti.....	Feb. 6....	23,947	10							1		
Kingston, Can.....	Feb. 19....	19,264	7									
Licata.....	Feb. 6....	20,000	9									
Sagua la Grande.....	Feb. 13....	18,109	8									
Antigua.....	Feb. 6....	16,664	14									
Antigua.....	Feb. 13....	16,664	23									
Flushing.....	Feb. 13....	14,000	7									
St. Thomas, W. I.....	Jan. 29....	12,019	111									
St. Thomas, W. I.....	Feb. 5....	12,019	90									
Sonneberg.....	Feb. 6....	12,000	2									
Guelph.....	Feb. 30....	10,539	6							1		
Chatham.....	Feb. 13....	10,000	5									
Chatham.....	Feb. 20....	10,000	4									
La Guayra.....	Feb. 6....	10,000	10									
La Guayra.....	Feb. 13....	10,000	8									
La Guayra.....	Feb. 20....	10,000	2									
Clifton.....	Feb. 20....	8,249	3									
Coaticook.....	Feb. 20....	3,080	2									

OFFICIAL:

WALTER WYMAN,

Superiorising Surgeon-General Marine-Hospital Service.